

Recommended Permit Duration and Compliance Reporting: 8-year permit extension; to expire July 29, 2038

USE STATUS: This is a split-combination and modification of an existing agricultural water use to voluntarily implement automated monitoring of groundwater withdrawals and receive a 8-year permit extension. The increase in allocation from the previous sequence is due to the updated corn/ carrot crop rotation.

PROJECT DESCRIPTION:

This project is located two miles north of SR-6 on NE Old Blue Springs Road, approximately six miles north of Lee in Madison County; and consists of approximately 655 controlled and 520 irrigated acres. Groundwater from four wells is used to irrigate corn, carrots, and peanuts through three center pivots.

The permittee has elected to provide SRWMD electrical consumption to comply with the water use reporting requirement of special condition 18.

WATER USE CALCULATIONS:

The District's WUPAR supplemental irrigation model was used to determine the 15.61 inches/ year supplemental irrigation requirement for corn grown from March 1st to July 15th.

The GIS-Based Water Resources and Agricultural Permitting and Planning System (GWRAPPS) was used to determine the following supplemental irrigation requirements:
Peanuts grown from April 1 to November 1: 13.43 inches/ year
Carrots grown from August 1 to December 15: 8.86 inches/ year

PERMIT APPLICATION REVIEW:

Section 373.223, Florida Statutes (F.S.), and rule 40B-2.301, Florida Administrative Code (F.A.C.), require an applicant to establish that the proposed use of water:

- (a) is a reasonable-beneficial use;
- (b) will not interfere with any presently existing legal use of water; and
- (c) is consistent with the public interest.

In addition, the above requirements are detailed further in the District's Water Use Permitting Applicant's Handbook ("A.H."). District staff has reviewed the water use permit application pursuant to the above-described requirements and have determined that the application meets the conditions for issuance of this permit. Highlights of the staff review are provided below.

**Is this a reasonable–beneficial use?
[ref. subsection 40B-2.301(1)(a)]**

Yes. Based on the evaluation of criteria listed in subsections 40B-2.301(2)(a)-(k), F.A.C.